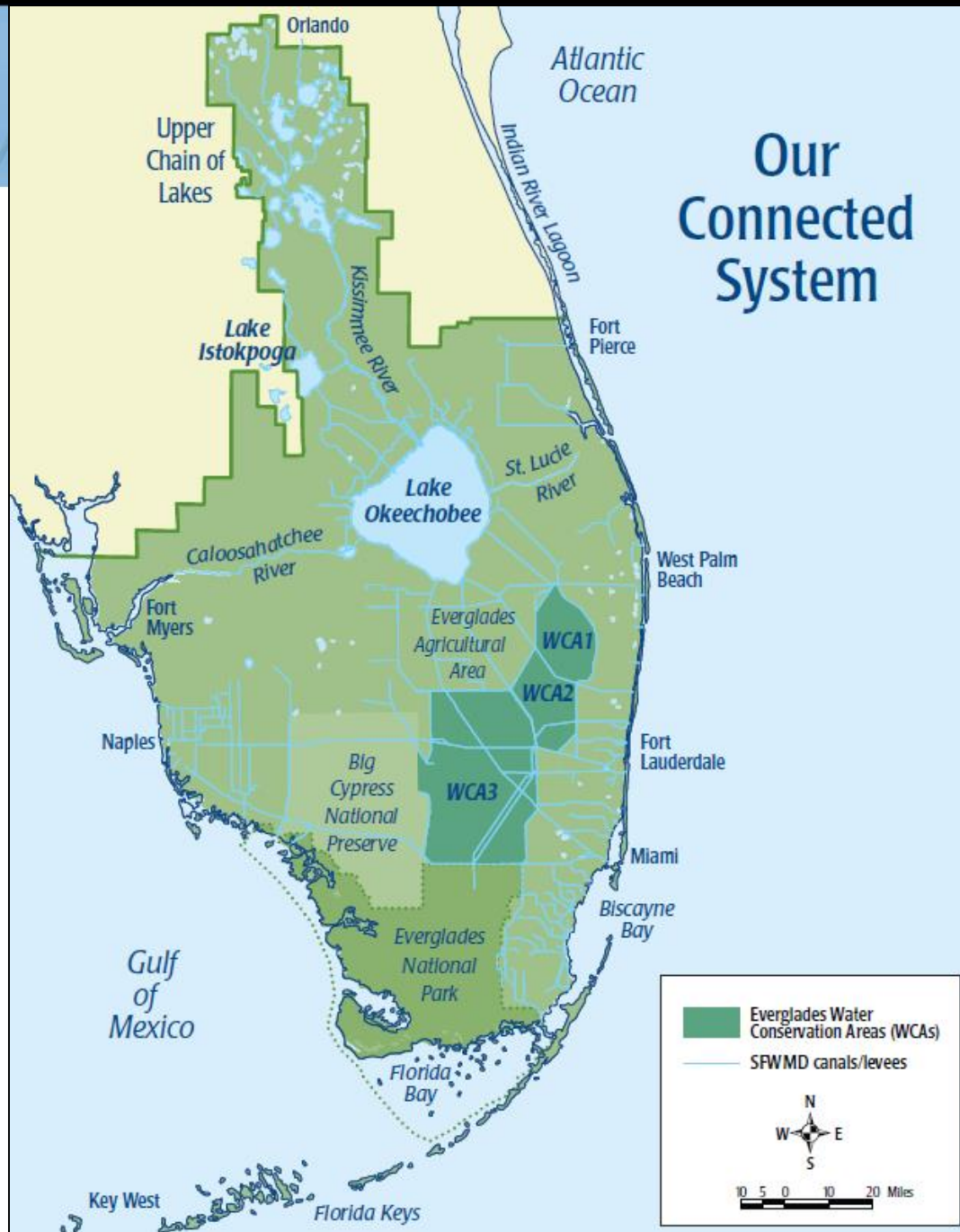


Everglades Restoration History and Progress

WRAC Meeting – August 6, 2015

Tom Teets, Director
Office of Everglades Policy & Coordination



Early Northern Everglades Efforts

- 1979 – Interim Action Plan
- 1986 – Lake Okeechobee Technical Advisory Committee (LOTAC) Phase I
- 1987 – Dairy Rule and Dairy Buy-out Program
- 1987 – LOTAC Phase II
- 1989 & 1993 – Lake Okeechobee SWIM Plan
- 1999 – Lake Okeechobee Action Plan

Kissimmee River and Headwaters (Authorized 1992)

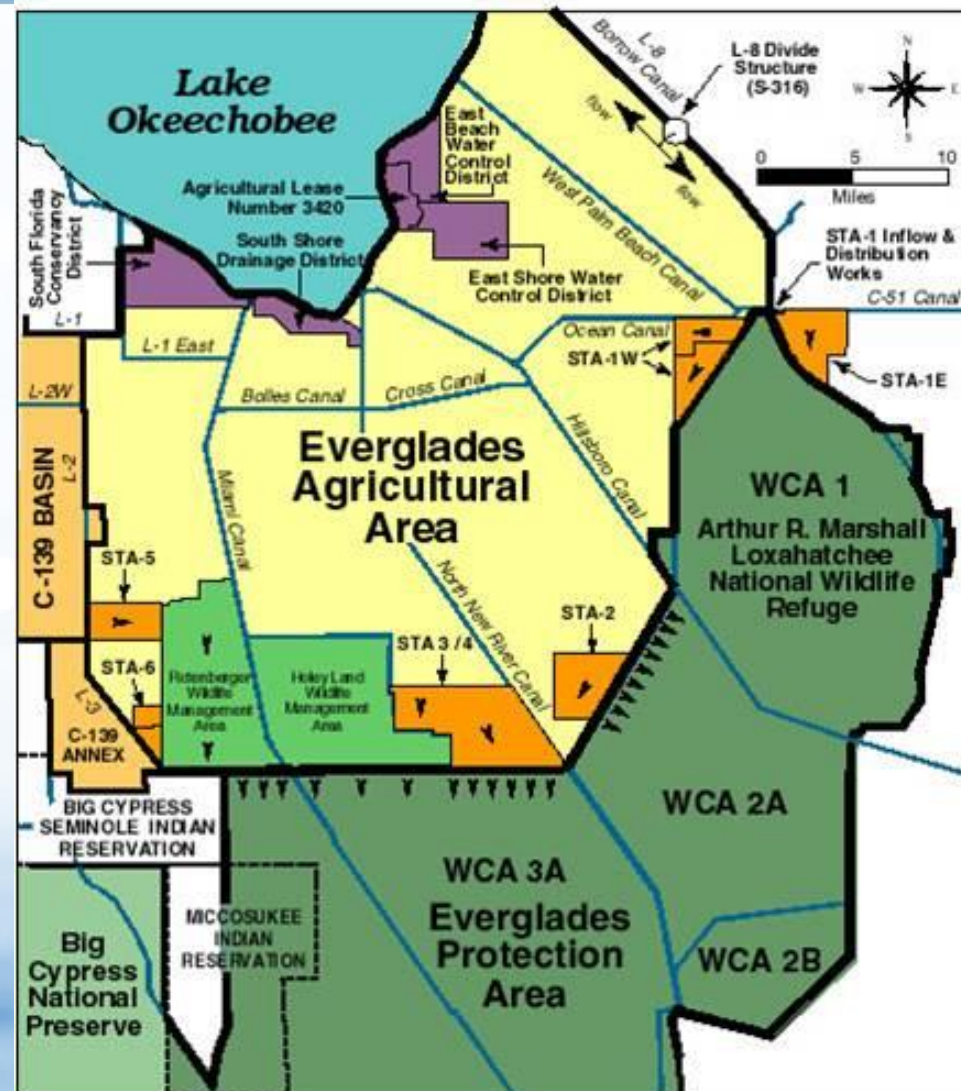


- Progress to date
 - 24 miles of river restored
 - 7,800 wetlands restored
 - Additional backfill ongoing
 - Gamefish and avian populations increasing



Everglades Forever Act (1994)

- 1988- USA vs SFWMD and DEP
- 1991- Gov. Chiles directs State to settle
- 1992- Settlement Agreement
- 1992- EAA BMPs begin
- 1994- EFA enacted
- 1994-2003- 40,000 acres STAs



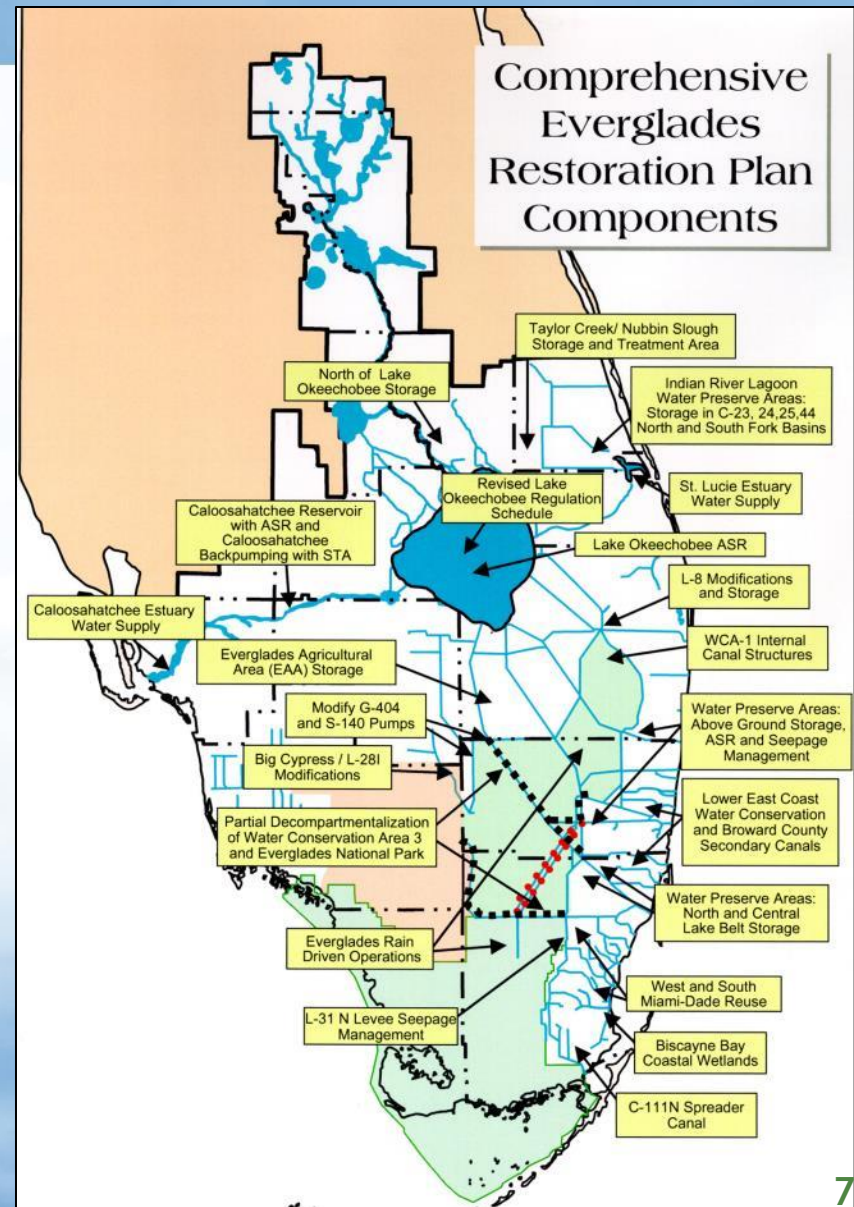
Modified Water Deliveries (1989) and C-111 South Dade (1996) Projects

- **Modified Water Deliveries**
 - Section 104 of the 1989 Everglades National Park Protection and Expansion Act
 - PCA signed 1994
 - Increment 1 Field Test
- **C-111 South Dade**
 - Updated PCA Signed 2014
 - Contract 8 construction 2015



Comprehensive Everglades Restoration Plan (2000)

- 68 projects
- Study authorized WRDA 1992 and 1996
- Plan approved as a framework for restoration WRDA 2000

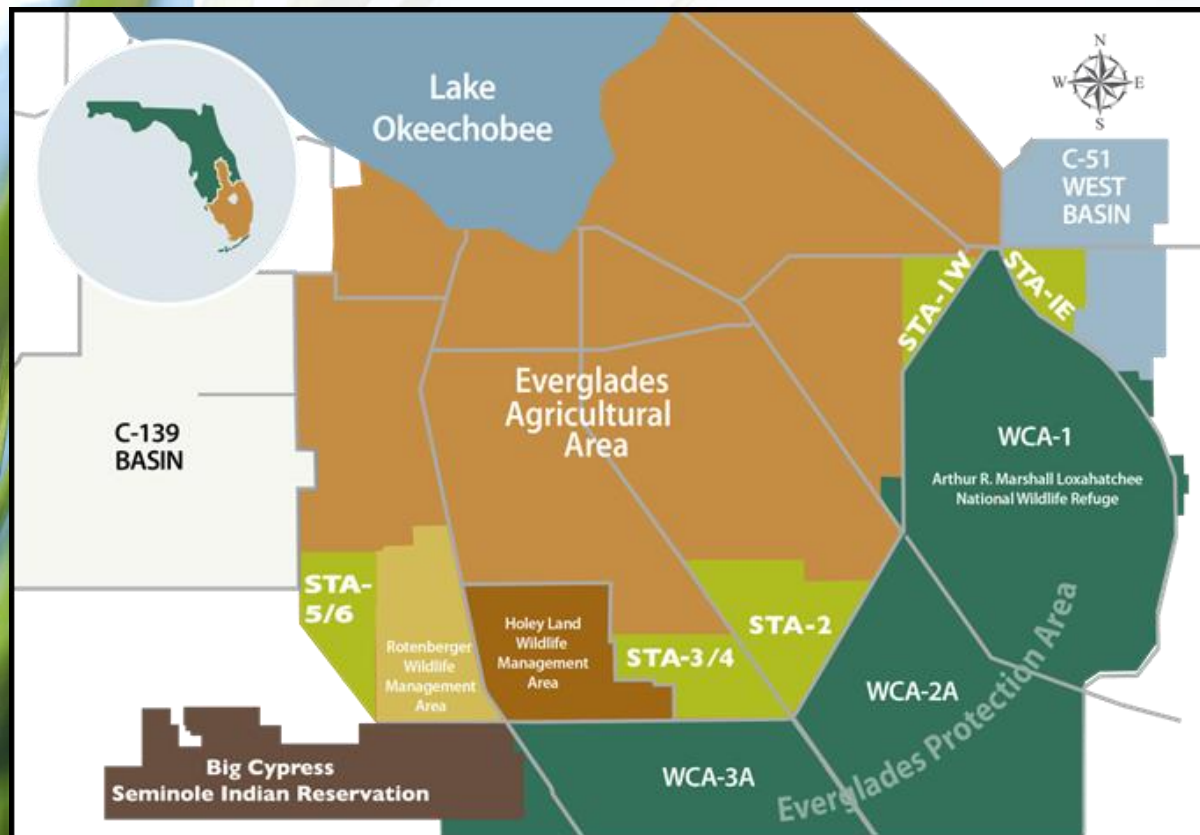


Northern Everglades Efforts

- 2000 - Lake Okeechobee Protection Act
 - Established a watershed based restoration and protection program for Lake Okeechobee
 - Phase I Lake Okeechobee Construction Project
- 2001 - Adoption of FDEP Lake Okeechobee Total Maximum Daily Load
- 2005 - Lake Okeechobee and Estuary Recovery (LOER)

Everglades Forever Act (2003)

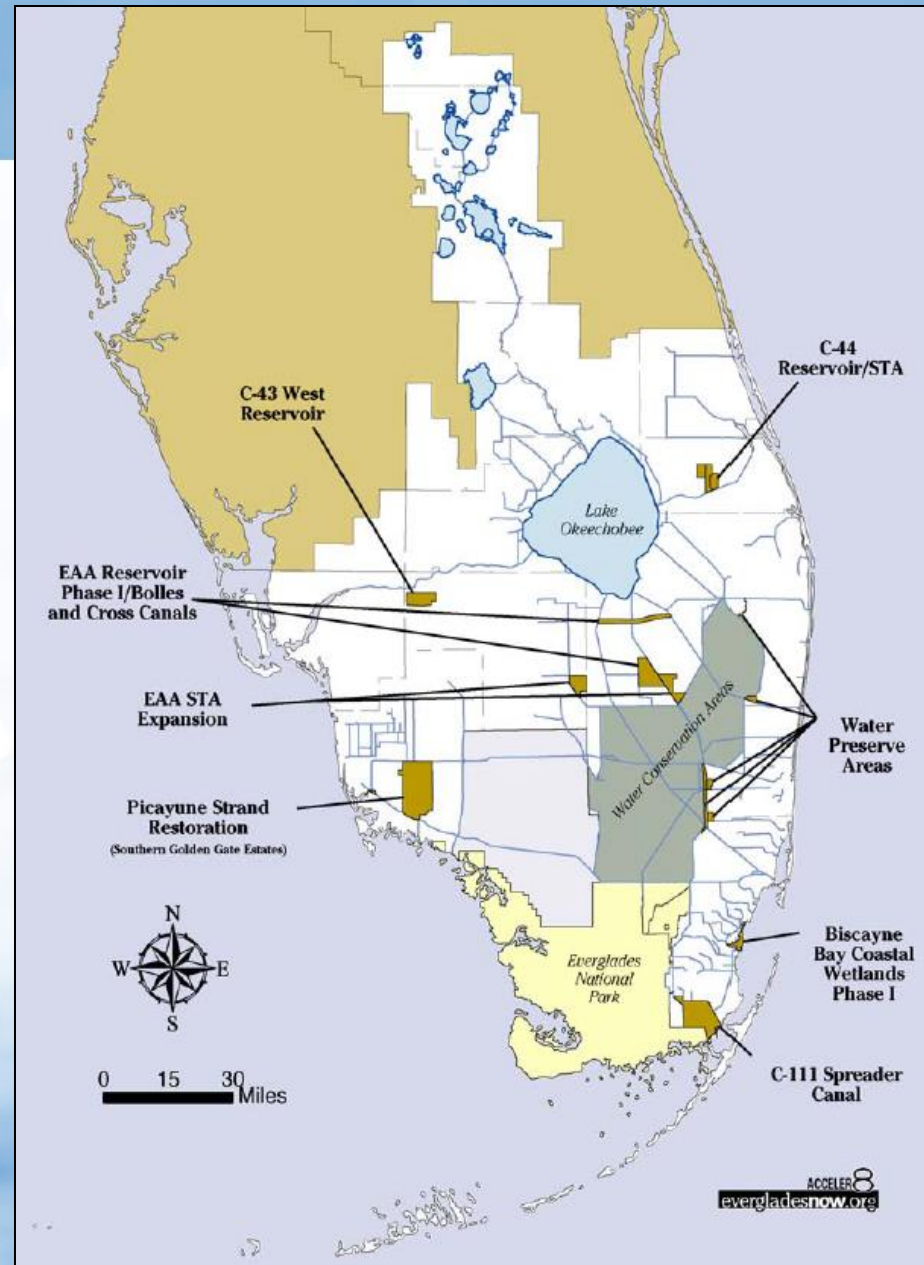
- EFA amended:
 - Include Long Term Plan
 - State long term water quality standard of 10 ppb



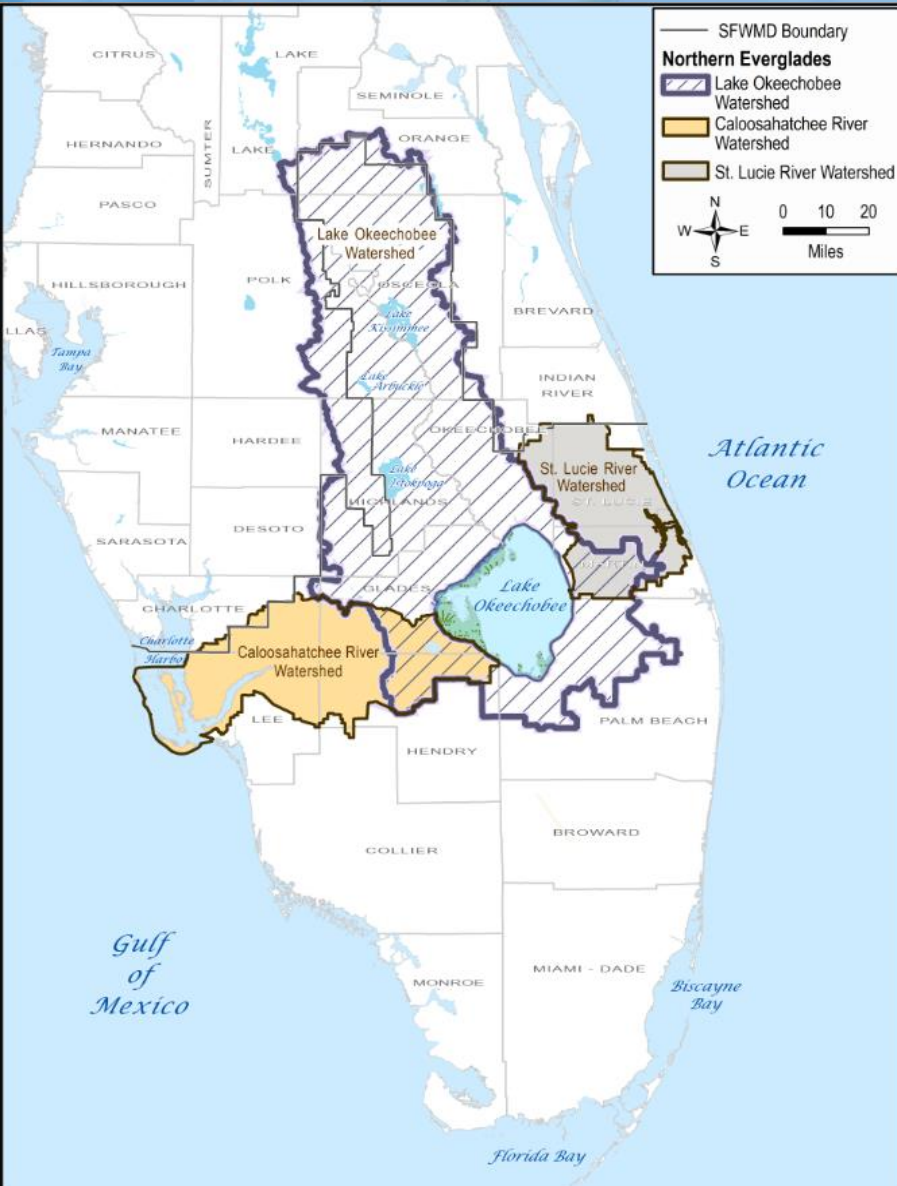
- Added Compartments B & C
 - Additional 17,000 acres of treatment
- 57,000 total acres of STAs
- \$1.8 Billion invested

Acceler8 (2004)

- Funding, design and construction accelerated for 8 key CERP projects:
 - C-43 West Reservoir
 - EAA Reservoir
 - EAA STA Expansion
 - Picayune Strand Restoration
 - C-44 Reservoir/ STA
 - Water Preserve Areas
 - Biscayne Bay Coastal Wetlands
 - C-111 Spreader Canal

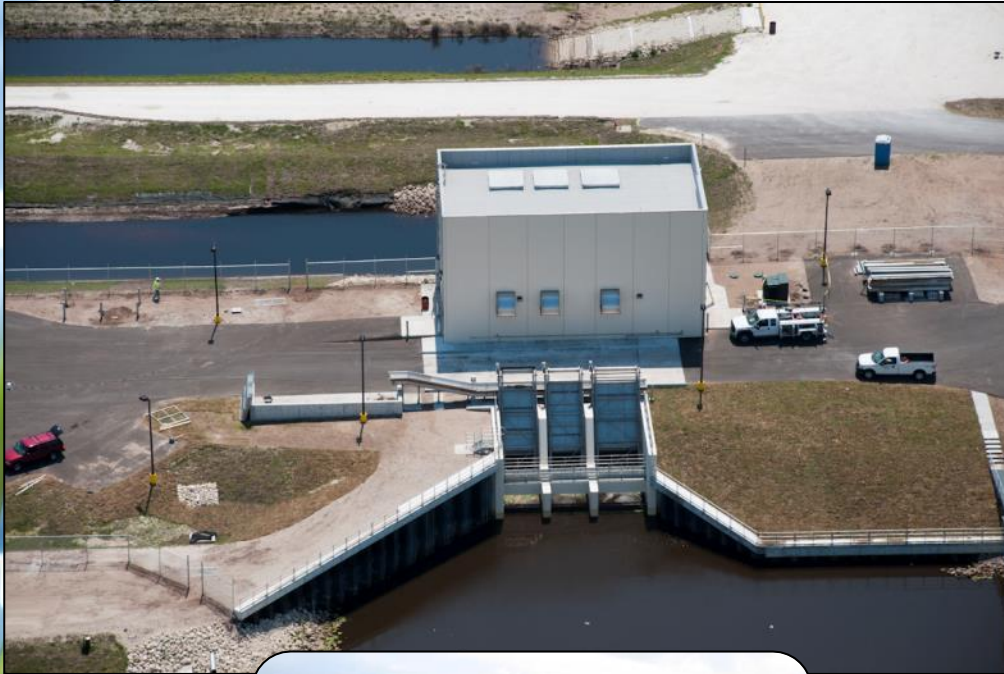


North Everglades and Estuary Protection Program (NEEPP) (2007)



- Expanded Northern Everglades to include the River/Estuary Watersheds
- Expanded the focus beyond water quality to water quantity and habitat restoration
- Expanded the use of Save Our Everglades Trust Fund (SOETF)
- Watershed Protection Plans to be the basis for the Basin Management Action Plans

Lakeside Ranch STA Phase I



CERP Projects Authorized in WRDA 2007

- Indian River Lagoon South –C-44 under construction



- Picayune Strand Restoration – under construction



- Site 1 Impoundment – under construction

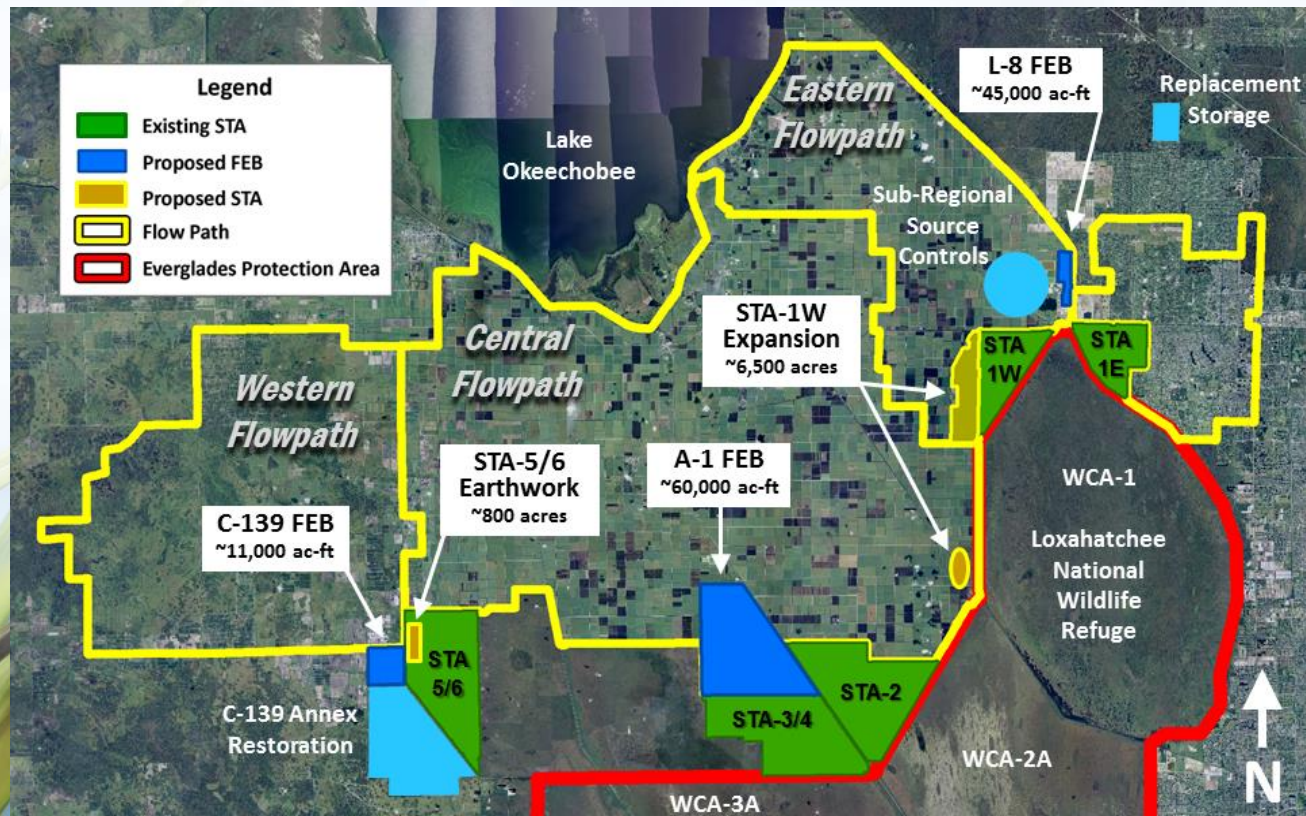


Restoration Strategies (2012)

- 2004 - Friends of the Everglades and the Miccosukee Tribe vs United States EPA
- 2008 - Summary judgment decision in favor of Friends and the Miccosukee Tribe
- 2010 –EPA issues a proposed Amended Determination
- 2012 – DEP/EPA/SFWMD agree on Restoration Strategies - DEP issues Consent Orders

Restoration Strategies (2012)

- Established the WQBEL
- Added 116,000 ac-ft of storage and 6,500 acres of new treatment
- \$880 M investment



Restoration Strategies – Under Construction

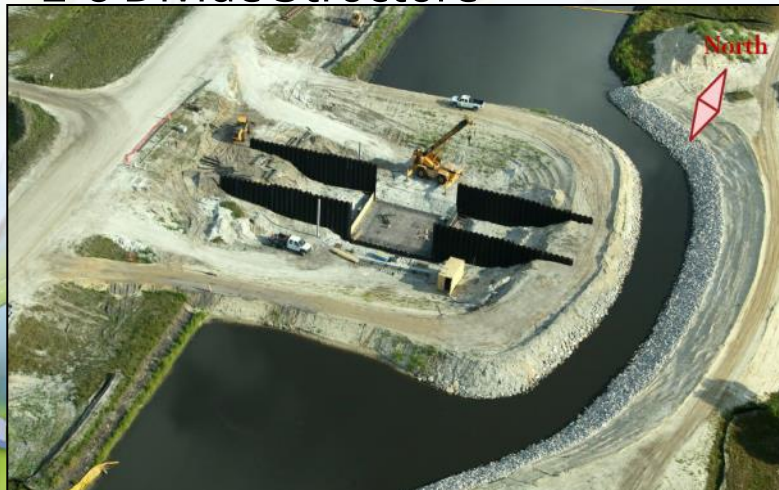
L-8 FEB



A-1 FEB



L-8 Divide Structure



S-5AS Divide Structure



CERP Projects Authorized in WRRDA 2014

C-43 West Basin Storage Reservoir



C-111 Spreader Canal Western Project



Broward County Water Preserve Areas

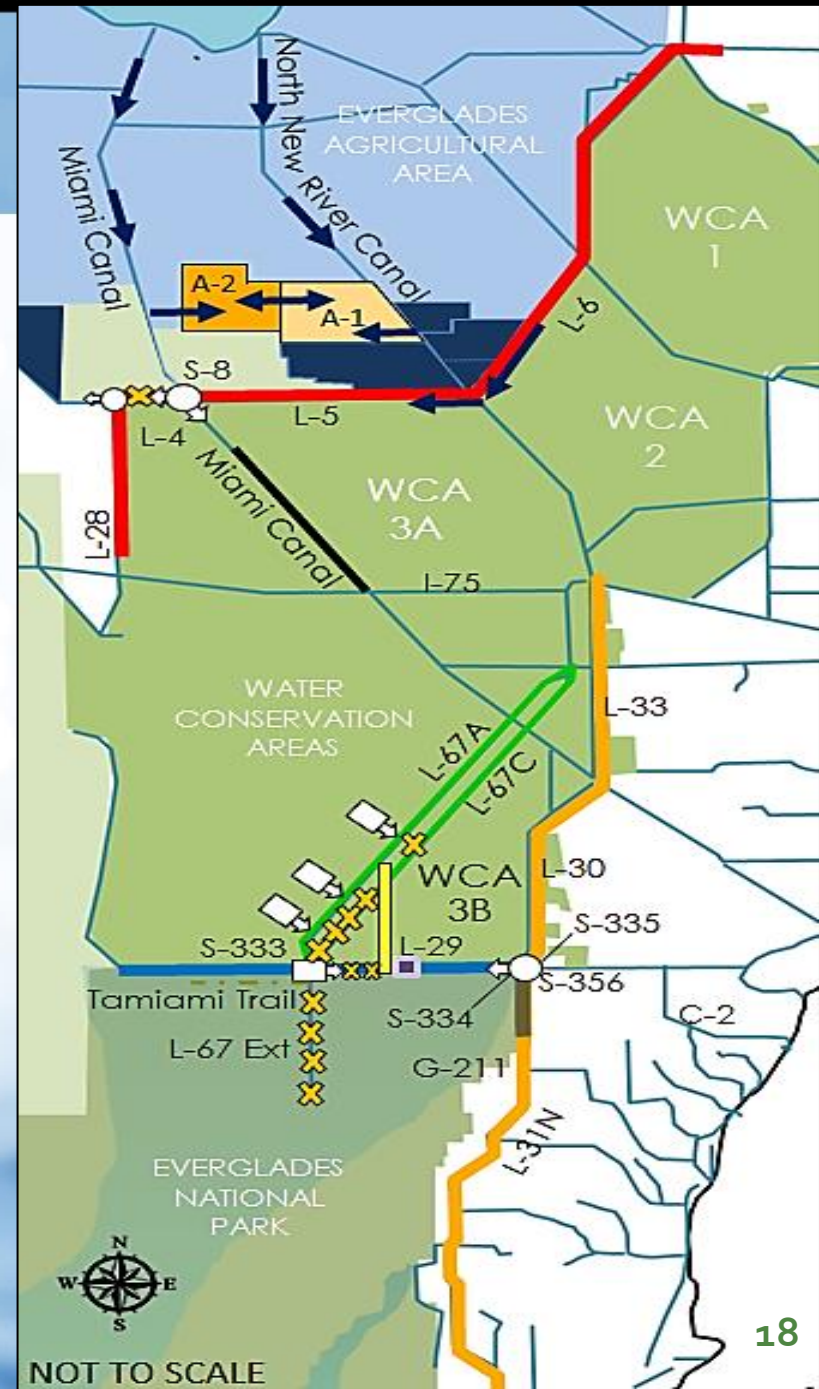


Biscayne Bay Coastal Wetlands Phase 1



Central Everglades Planning Project (2014)

- Increases storage, treatment and conveyance of water south of Lake Okeechobee
 - Sends ~200,000 ac-ft of water south from the Lake
- Removes and/or plugs canals and levees within the central Everglades
- Improves hydroperiod and flow through Everglades National Park while protecting urban and agricultural areas to the east from flooding



Governor's Funding Plan (2015)

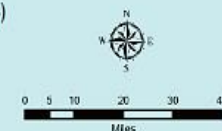
- \$5B, 20-year funding program
 - Provides a dedicated funding source for Everglades Restoration
- A number projects are now under construction or have significant planning completed.
- Along with increased storage and water quality treatment projects will:
 - Increase more natural flows
 - Increase environmental, Tribal, agricultural and urban water supply
 - Reduce impacts of sea level rise

| Map ID | Major Known Projects | Project Area |
|--------|--|--------------|
| A | Biscayne Bay Coastal Wetlands Phase 1: Cutler Wetlands | NSE |
| B | Biscayne Bay Coastal Wetlands Phase 1: L-31 East Flowway | NSE |
| C | Broward County Water Preserve Areas: 3A/3B Seepage Management Area | NSE |
| D | Broward County Water Preserve Areas: C-11 Impoundment | NSE |
| E | Broward County Water Preserve Areas: C-9 Impoundment | NSE |
| F | C-43 Water Quality Treatment and Tasting - Full Scale | CE |
| G | C-43 West Basin Reservoir | CE |
| H | Central Everglades Planning Project - New Water | NSE |
| I | Central Everglades Planning Project - North | NSE |
| J | Central Everglades Planning Project - South | NSE |
| K | CERP Site 1 Impoundment | NSE |
| L | Indian River Lagoon South: C-23/C-24 Reservoir/ STA | SLE |
| M | Indian River Lagoon South: C-25 Reservoir/ STA | SLE |
| N | Indian River Lagoon South: C-44 Reservoir/ STA/ Interconnect | SLE |
| O | Kissimmee Headwaters Revitalization Project | NSE |
| P | Kissimmee River Restoration | NSE |
| Q | Lake Hitchcock North Hydrologic Enhancement Project | CE |
| R | Lakeside Ranch STA Phase 2 | NSE |
| S | Picayune Strand Restoration | NSE |
| T | Restoration Strategies | RS |
| U | Ten Mile Creek Water Preserve Area | SLE |

20-Year Commitment to Everglades Restoration

April 2, 2015

- St. Lucie Estuary (SLE)
- Caloosahatchee Estuary (CE)
- Northern/Southern Everglades (NSE)
- Restoration Strategies (RS)



Questions?

